M. A. R. 57 (Rule 116)
Measurement Book

No. B

Name of Work .....

Name of Contractor of nature of Agency ..... From ..... To .....

Date of commencement of work .....

494544

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Name of work : maintenance of BBMP drained bareweys & providing pipeline in ward no-09 Kadugondanahalli sub division						
Job code : 099-22-00 0002						
Work order no : BBMP/EE/BTP/00/144/21-22 dt : 7/3/22						
Amount put to tender : 7,13547.40						
Date of Completion : 21/6/22						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
i)	Running lifting of submersible pump set	8	-	-	-	8 or 1158.9/-	927.00
ii)	Transportation of pumping machinery	8.0				8. ex 970.97/-	7767.00
iii)	Labour charges	8				8 ex 2738.39/-	21907.00

Contents 7	*Reference to last Measurem 8
8	9271.00
3.	7767.00
2	21907.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

491545

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
A) Repairs to motor. Rewinding of submersible pump set with copper insulation wire of suitable gauge as per specification with guarantee of 6 months						
B: Rewinding of motor 10.00 HP	3				3 @ 4259.72/-	12779.00
C: Rewinding of motor 12.5 HP	5				5 @ 4760.87/-	23804.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8	Replacement of motor parts Starter 5HP	8	-	-	4952.27 ex [illegible]	8	39626.00
7	Rotor	8			4631.12/- ex [illegible]	8	37048.00
8	upper Flange	8	-		357.96 ex 357/-	8	2863.00
9	lower flange	8	-	-	ex 357.96/-	8	2863.60
							357.96

Full description, etc, of work
2
upper housing
lower Housing
Armature housing complete assembly complete with pinion & tip carbon

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494546

... From ... To ...

... of Contractor or nature of Agency ...

... of commencement of work ...

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Upper housing	8	-	-	647.91 or 648/-	8	5183.00
Lower Housing	8	-	-	647.91/- or 648/-	8	5183.00
Carbon housing thrust bearing block assembly complete with segment bearing pad & tip carbon / Ferrado padding pad.	8	-	-	1017.5/- or 1018/-	8	8140.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13.c)	Replacement of pump main component of submersible pump set requiring replacement. Part I: The following						
		8	-	-	-	8	1224.00
				1532.03/-			
14)	Oil seal steel bush	8	-	-	-	8	1224.00
				1532.03/-			
15)	Guide vane	240	-	-	-	240	96648.00
				CR 402.7/-			

Contents 7	*Reference to last Measurem 8
8	1224.00
8	1224.00
240	96648.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494547

Cal No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Impeller shell moulded with aluminium bronze	240	-	-	-	240	146476.00
				or 610.35/-		
Discharge outlet (D.O) Bearing D.O Steel Bush	8	.	.	.	8	4581.00
				or 572.74/-		
Steel bush	8	-	-	-	8	1524.00
				or 190.61/-		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19)	Pump shaft made out of stainless steel centreless ground with key way	8	-	-	-	8.00	
						cr 1146.37/-	9170.00
20)	Non-return valve assembly complete with rubber 'O' ring	8	-	-	-	8	
						cr 281.89/-	2255.00
21)	Cable guard	8	-	-	-	8	
						cr 157.50/-	1260.00
22)	Brass gland	8	-	-	-	8	4553.00
						cr 569.16/-	

OOK

Depth 6	Contents 7	*Reference to last Measurement 8
		steel
	8	
1146	37/-	9170.00
		water with
	8	
281.87/-		2255.00
	8	
157.5/-		1260.00
	8	4553.00
569.18/-		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494548

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Re erection charges of pumping machineries in dismantling overhauling & painting	8	-	-	-	8	12249.00
			@ Rs 1531.17/-			
with its parts Heavy duty collar 5mm dia	5	-	-	-	5	805.00
			@ 161.08/-			
providing non-return valve 5mm	4	-	-	-	4	6443.00
			@ 1610.82/-			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26	providing Gate Valve 50mm	5	-	-	-	5	8054.-
						@1610.80/-	
27	Submersible cable 1x3x6.0 sqmm	1x 50mtr				50mtr	6443.-
						@128.87/-	
28	Supplying & fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plane on both sides of not less than a piece fixing the same to the wall using tapered inverted wooden plug screws						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494549

No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	-	-	-	1	
				ex 261.21/-		261.21
Supplying Affixing of class A GI pipe of wall thickness not less than 2.25mm on pole/wall duly accompany with necessary clamping arrangements for UG cable of 1.1kV 40mm dia GI pipe						
	4 NOS	-	-	-	4 NOS	
				ex 299.79/-		1199.00

pth 5	Contents 7	*Reference to last Measurement 8
82/-	25	8054.00
87/-	50mtr	6443.00
	d wood n thick an d Pcc + spread	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20)	Supplying & fixing C.I cast iron pot heads suitable for 1.1 kv class VG cable filled with necessary bitumen/insulating compound with terminal clamps bolts nuts & washers	2 no	-	-		2	
				@ 241.60/-			483.00
21)	Supplying fixing wiring earth for grounding conduit P.C cutouts & other equipment on the meter board using 40mm dia 2.9 mm thick G.I pipes 2.5 mt long buried in a pit the pit should be filled with equal proportion						

Contents	*Reference to last Measurement
7	8
Loads ed compound & 2 483.00 ending ent on the thick the portion	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494550

No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Sand & charcoal 150mm. all round the pipe to complete depth. the connection from the pipe to the conduit is to be established through a hole of pipe by providing 12mm dia bolt nut washer & nut etc. the pipe shall have 16 threads per specification 7.3.3 of 12m dia	2	–	–	–	2	5368.00
			cc 2684.42			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
22.	Supplying & fixing of porcelain fuse channel with cut out on existing wooden panel using necessary nuts bolts & washers 32 Amps	6	-	-	-	6	934.00
				@	155.71/-		
23.	Supplying & fixing miniature circuit breakers on existing MCB distribution board using necessary fixing material & C Type curve indicator on/off energy cross 2 with short circuit breaking capacity of 10k & complete wiring as required						

*Reference to last Measurement

OK

Depth 6	Contents 7	*Reference to last Measurement 8
ge channel (panel wayhut		
6		
5571/-		934.00
wit breakers rdx Upto curve 3 with shutt le & complete		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494551

...

...of Work ..... From..... To.....

...of Contractor of nature of Agency .....

...of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
	4	-	-	-	4	
				@ 1534.75/-		6139.00
Fabricating supplying & mounting MS box made out SWG suitable for floor/wall mounting fully coated proof with bolted hat section, provided with hinged front cover supplied with tamper proof locking arrangement with suitable size clamps with necessary Cable entry pipe with gland & box should be finished with a coat of red oxide primer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Paint & finally finished with approved Colour enameled metal paint						
		2x2	120.0	60.0	-	57600.-	
		2	360.0	45.0	-	18000.00	
						75600.-	23436
				exc 0.21/-			
25	earthwork excavation for pipeline trenches including depositing of base soil including shifting & lifting & laying site soil & backfilling around pipes at every 100mtr wherever directed			up to a head not exceeding 4ft wide			
	Premeasurement recorded						
	1.NO (25) of P.H NO 494571					144.-	23779
				exc 234.58/-			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494552

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing & installation at site of work P.V.C pipe including cost of pipe & specials & including laying into trench laying true to line level & perfect joining at joints, leak proof including encasing the pipe around to a depth not less than 15cm with grave or selected earth available from the excavation 75mm clear PVC pipe						
from carriageway recorded on this vide item (38) of P.H.No 494571 of M.B					400	74308.00
					144.00	33779.00
					75600.00	33436.00
					57600.00	
					18000.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
37)	Refilling the basement & pipeline trenches with selected available earth for trenches excavation including watering consolidation in layers of 15 cms thick including disposing of surplus earth with a lead of 2 kms						
	Qty same as vide						
	1.NO 35					144.0	13285.
					eq	92.26	
						Sub total -	638546.
						CST 12% -	76625.5
							715172.

2/6/22

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

OK

Depth 6	Contents 7	*Referen to last Measure 8
Interlocked by benches consolidating by dipping of earth		
	144.0	13285.0
12.2% -		
Sub total -		638546.0
Cest 12% -		76625.5
		715172.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494553

Name of Work .....
Name of Contractor or nature of Agency ..... From..... To.....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Certificate Contractor done work satisfactorily						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
First & Final						BD – ₹15100=00	
						BF – ₹151=00	
						LC – ₹151=00	
						CBD – ₹16=00	
						Labour – 63885=00	
						Sundry – 63885=00	
						TD – 25800=00	
						TD – 63588=00	
						Cheque 651512=00	

ಲೆಕ್ಕತೀರ್ಷಿಕೆ P-1802 ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. ₹15100=00 ಗಳನ್ನು ಚಾನು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 63588=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 651512=00 ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು
ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 3/2
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು